

Appl. No. 09/730,547

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Amendments to the Specification:

Please replace the Abstract with the following amended Abstract:

Abstract of the Invention

Apparatus and methods are provided for performing remote notification of records, each having a respective record identifier. ~~The method involves maintaining a~~ A record-user mapping which associates with each of a plurality of record identifiers identifier a respective one or more user names. For each record upon which remote notification is to be performed the record's ~~record identifier's~~ respective one or more user names is obtained from the record-user mapping~~[[.]], and For for each user name in the record's record identifier's respective one or more~~ obtained user names name a respective addressable entity is obtained from a user name-addressable entity mapping, and ~~[[a]]~~ A notification of the record is sent to the addressable entity. ~~The user name addressable entity mapping may be a trusted mapping. The records may be generated by a certificate management system. In this case, the addressable entities may be stored in a repository of published certificates. The certificate management system might for example be a PKI (Public Key Infrastructure). The addressable entities may be stored in a certificate extension field of the certificates, for example the subject alternative name certificate extension. The addressable entity may be an E-mail address. Target audit record processing may also be provided. For this, at least one~~ each record identifier is identified for which target audit record processing is to be performed~~[[.]], a target user name is read The target audit record processing involves for each record identifier for which target audit record processing is to be performed reading from the associated record a target user name, a respective addressable entity is obtained obtaining from the user name-addressable entity mapping, a respective addressable entity for the target user name and sending~~ a notification of the record is sent to the addressable entity.

Attached as an Appendix hereto is a replacement sheet including the amended text.